

Appl. No. 10/043,400
Amdt. Dated October 29, 2003
Reply to Office Action of September 23, 2003

AMENDMENT TO THE SPECIFICATION

[0028] Finally, with respect to both Figures 2 and 3, a housing ~~spacer~~ extension portion is shown generally at 70, which is integrally formed with marginal side wall 14 and includes resilient spacer spring arms 72, which extend into feet portion 74 having board retaining lugs at 76. In a likewise manner, marginal side wall 12 has integrally molded thereto, a housing ~~spacer~~ extension portion 80 having resilient spacer spring arms 82 with feet portions 84 and board mounting lugs 86.

AMENDMENT TO THE SPECIFICATION (Continued)

[0030] With respect now to Figures 12 and 13, the application of the socket 2 will be described in greater detail. As shown first in Figure 12, a socket 2 is shown having a chip 150 positioned above recess 30, and socket 2 is shown positioned above printed circuit board 160. As shown in Figure 12, chip 150 would include a plurality of contact pads 152, whereas circuit board 160 would include a plurality of lands or pads 162. The socket 2 may be positioned on the printed circuit board 160 such that the plurality of balls 104 is aligned with the plurality of pads 162, whereupon chip 150 may be placed in the nest, on top of surface 32. It should be appreciated that at this point, leads 102 still reside within the respective slots 50, below surface 32. At this position, spring cover 130 may be placed over the assembly shown in Figure 12 and fasteners, such as screws or bolts, can be placed through the respective apertures 16A-22A and through apertures in printed circuit board 160 (not shown) to draw the housing portion 4, and the chip 150 downwardly, to the position shown in Figure 13. The movement of the housing portion 4 downwardly, between the positions in Figures 8 and 13, is accomplished by way of resilient spacer arms 72, 82 being resiliently deformable in a direction generally perpendicular to the receiving face. When in this position, leads 102 resiliently bias and contact the plurality of pads 152, whereas balls 104 are in contact with the plurality of lands 162.